Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

CENTRALPNEUMATIC®

air siphon spray gun kit

NOTICE

CLEAN IMMEDIATELY

Clean the Spray Gun IMMEDIATELY after EVERY use, in between coats, and when it will be idle for more than 5 minutes.

Delayed or inadequate cleaning will permanently clog the Spray Gun.

ITEM 61456

REV 14d

Visit our website at: http://www.harborfreight.com
Email our technical support at: productsupport@harborfreight.com

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools. Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

⚠WARNING

Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.

NOTICE

Clean the Spray Gun IMMEDIATELY after EVERY use.
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Latex paint hardens quickly and permanently inside Spray Gun.

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WARNING SYMBOLS AND DEFINITIONS	
⚠	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
⚠DANGER	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
⚠WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
⚠CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
NOTICE CAUTION	Addresses practices not related to personal injury.

IMPORTANT SAFETY INSTRUCTIONS

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

The warnings and precautions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

WARNING – When using tools, basic precautions should always be followed, including the following:

Work Area

a. **Keep the work area clean and well lighted.** Cluttered benches and dark areas increase the risks of electric shock, fire, and injury to persons.

b. **Keep bystanders, children, and visitors away while operating the tool.** Distractions are able to result in the loss of control of the tool.

NOTICE

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Personal Safety

a. **Stay alert. Watch what you are doing and use common sense when operating the tool. Do not use the tool while tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating the tool increases the risk of injury to persons.

b. **Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry, or long hair increases the risk of injury to persons as a result of being caught in moving parts.

c. **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enables better control of the tool in unexpected situations.

d. **Use safety equipment.** Wear protective paint spraying gloves and a NIOSH-approved respirator during use. Non-skid safety shoes and a hard hat must be used for the applicable conditions.

e. **Always wear eye protection.** Wear ANSI-approved safety goggles.

Tool Use and Care

a. **Do not force the tool.** Use the correct tool for the application. The correct tool will do the job better and safer at the rate for which the tool is designed.

b. **Disconnect the tool from the air source before making any adjustments, changing accessories, or storing the tool.** Such preventive safety measures reduce the risk of starting the tool unintentionally. Turn off and detach the air supply, safely discharge any residual air pressure, and release the throttle and/or turn the switch to its off position before leaving the work area.

c. **Store the tool when it is idle out of reach of children and other untrained persons.** A tool is dangerous in the hands of untrained users.

d. **Check for misalignment or binding of moving parts, breakage of parts, and any other condition that affects the tool's operation.** If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools. There is a risk of bursting if the tool is damaged.

e. **Use only accessories that are identified by the manufacturer for the specific tool model.** Use of an accessory not intended for use with the specific tool model, increases the risk of injury to persons.

Service

a. **Tool service must be performed only by qualified repair personnel.**

b. **When servicing a tool, use only identical replacement parts. Use only authorized parts.**

c. **Use only lubricants supplied with the tool or specified by the manufacturer.**

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Air Source

a. **Never connect to an air source that is capable of exceeding 200 psi.** Over pressurizing the tool may cause bursting, abnormal operation, breakage of the tool or serious injury to persons. Use only clean, dry, regulated compressed air at the rated pressure or within the rated pressure range as marked on the tool. Always verify prior to using the tool that the air source has been adjusted to the rated air pressure or within the rated air-pressure range.

b. **Never use oxygen, carbon dioxide, combustible gases or any bottled gas as an air source for the tool.** Such gases are capable of explosion and serious injury to persons.

⚠ SAVE THESE INSTRUCTIONS.

Symbol Definitions

Symbol	Property or Statement
PSI	Pounds per square inch of pressure
CFM	Cubic Feet per Minute flow
SCFM	Cubic Feet per Minute flow at standard conditions
NPT	National pipe thread, tapered
NPS	National pipe thread, straight

Symbol	Property or Statement
	WARNING marking concerning Risk of Eye Injury. Wear ANSI-approved eye protection.
	WARNING marking concerning Risk of Respiratory Injury. Wear NIOSH-approved respirator.
	WARNING marking concerning Risk of Explosion.
	WARNING marking concerning Risk of Fire. Do not use solvents improperly.

NOTICE

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Specific Safety Instructions

1. Do not direct spray at people or animals.
2. Do not exceed maximum air pressure.
3. Do not spray near open flames, pilot lights, stoves, heaters, the air compressor, or any other heat source. Most solvents and coatings are highly flammable, particularly when sprayed. Maintain a distance of at least 25 feet from the air compressor. If possible, locate the air compressor in a separate room.
4. Read all of the information concerning coating products and cleaning solvents. **Do not use chlorinated solvents (e.g. 1-1-1 trichloroethylene and dichloromethane, also known as methylene chloride) to clean spray guns. Many spray guns contain aluminum, which reacts strongly to chlorinated solvents.** Contact the solvent or coating manufacturer as needed regarding potential chemical reactions.
5. RISK OF INJECTION - Do not point spray gun at any person or any part of the body. In case of skin injection, seek medical attention immediately.
6. Industrial applications must follow OSHA requirements.
7. Spraying hazardous materials may result in serious injury or death. Do not spray pesticide, acid, corrosive material, fertilizer, or toxic chemicals.
8. Paints and solvents may be harmful or fatal if swallowed or inhaled. Avoid prolonged skin contact with solvents or paints as they will irritate skin. After any contact, immediately wash off exposed area with hot, soapy water.
9. Attach all accessories properly to the tool before connecting the air supply. A loose accessory may detach or break during operation.
10. Install an in-line shutoff valve to allow immediate control over the air supply in an emergency, even if a hose is ruptured.
11. Air hose fittings may get hot during use. Allow fittings to cool before disconnecting.
12. WARNING: Some dust created by power sanding, sawing, grinding, drilling, and other construction activities, contains chemicals known [to the State of California] to cause cancer, birth defects or other reproductive harm.
    Some examples of these chemicals are:
    • Lead from lead-based paints
    • Crystalline silica from bricks and cement or other masonry products
    • Arsenic and chromium from chemically treated lumber
    Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles. (California Health & Safety Code § 25249.5, *et seq.*)

    WARNING: The brass components of this product contain lead, a chemical known to the State of California to cause birth defects (or other reproductive harm). (California Health & Safety Code § 25249.5, *et seq.*)

Specifications

Operating Air Pressure	50 PSI
Air Inlet	1/4" - 18 NPS
Fluid Inlet	3/8" - 18 NPS

Nozzle Size	1.8 mm
Air Consumption	10.5 CFM @ 50 PSI

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Initial Set Up

Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Note: For additional information regarding the parts listed in the following pages, refer to the Assembly Diagram near the end of this manual.

Before Setup

This air tool may be shipped with a protective plug covering the air/and or fluid inlet. Remove this plug before set up.

Air Supply Setup

⚠WARNING

TO PREVENT SERIOUS INJURY FROM EXPLOSION:
Use only clean, dry, regulated, compressed air to power this tool.
Do not use oxygen, carbon dioxide, combustible gases, or any other bottled gas as a power source for this tool.

1. Incorporate a filter, regulator with pressure gauge, in-line shutoff valve, and quick coupler for best service, as shown on on page 7. **An in-line shutoff ball valve is an important safety device because it controls the air supply even if the air hose is ruptured. The shutoff valve should be a ball valve because it can be closed quickly.**

Note: Do not use an automatic oiler system or add oil to airline. The oil will contaminate the material being propelled, ruining the final result.

2. Connect an air hose (sold separately) to the compressor's air outlet, then connect the other end to a pressure paint tank (sold separately).

3. Connect supplied Air Hose to the pressure paint tank, then connect the other end to the air inlet of the tool. Other components, such as a coupler plug and quick coupler, will make operation more efficient, but are not required.

⚠WARNING! TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION: Do not install a female quick coupler on the tool. Such a coupler contains an air valve that will allow the air tool to retain pressure and operate accidentally after the air supply is disconnected.

Note: Air flow, and therefore tool performance, can be hindered by undersized air supply components.

4. The air hose must be long enough to reach the work area with enough extra length to allow free movement while working.

5. Close the in-line shutoff valve between the compressor and the tool.

6. Turn on the air compressor according to the manufacturer's directions and allow it to build up pressure until it cycles off.

7. Open the in-line shutoff valve.

NOTICE

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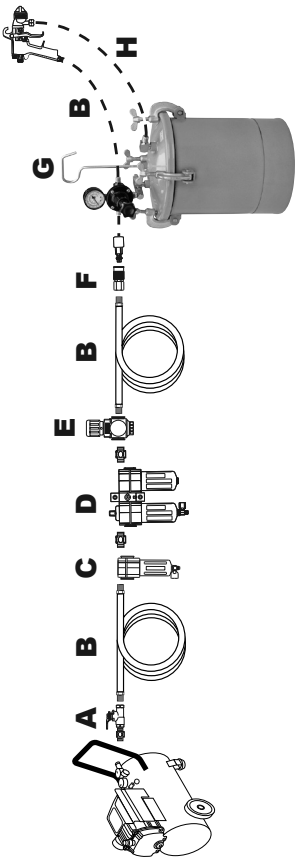
8. Adjust the air compressor's output regulator so that the air output is enough to properly power the tool, but the output will not exceed the tool's maximum air pressure at any time. Adjust the pressure gradually, while checking the air output gauge to set the right pressure range.
9. Inspect the air connections for leaks. Repair any leaks found.
10. If the tool will not be used at this time, turn off and detach the air supply and safely discharge any residual air pressure to prevent accidental operation.

Note: Residual air pressure should not be present after the tool is disconnected from the air supply. However, it is a good safety measure to attempt to discharge the tool in a safe fashion after disconnecting to ensure that the tool is disconnected and unpowered.

Figure A: Portable Air Supply Setup



	Description	Function
A	Shutoff Ball Valve	
B	Air Hose	Connects air to tool
C	Filter	Prevents dirt and condensation from damaging tool or workpiece
D	Air Cleaner / Dryer*	Prevents water vapor from damaging workpiece
E	Regulator	Adjusts air pressure to tool
F	Coupler and Plug*	Provides quick connection and release
G	Paint Pressure Tank	(sold separately)
H	Paint Hose	Connects paint to tool

***Optional components.**

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Operating Instructions

Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Inspect tool before use, looking for damaged, loose, and missing parts.
If any problems are found, do not use tool until repaired.

Workpiece and Work Area Set Up

1. Designate a work area that is clean and well lit. The work area must not allow access by children or pets to prevent distraction and injury.
2. Route the air hose along a safe path to reach the work area without creating a tripping hazard or exposing the air hose to possible damage. The air hose must be long enough to reach the work area with enough extra length to allow free movement while working.
3. Before spraying, mask nearby objects not being sprayed and lay cloths (not included) on the floors.

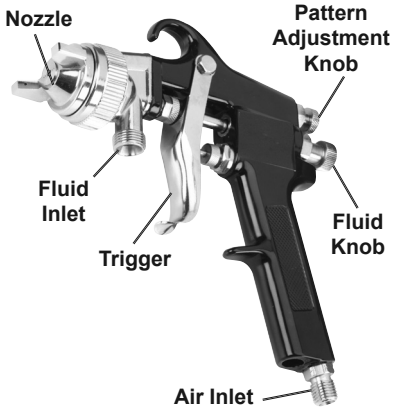

Figure B: Components and Controls

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NOTICE

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Before First Use

NOTICE: Before first use, clean the Spray Gun thoroughly. If not removed, the material used for testing and corrosion prevention will contaminate paint.

1. Remove Nozzle by hand.
2. Depress Trigger to retract Fluid Needle, then remove Fluid Tip with spray gun wrench (sold separately). Release Trigger.

Note: Do not bend Fluid Needle.

3. Remove Fluid Knob by hand, then remove Fluid Spring and Fluid Needle.

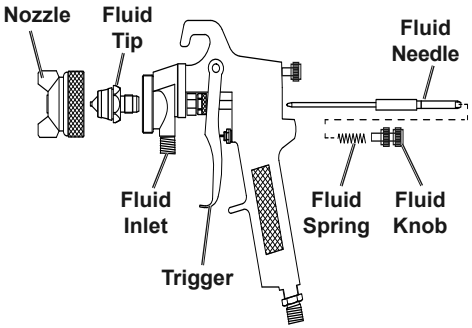

Figure C

Note: Do not immerse Spray Gun Body in liquid. Do not allow liquid to enter the air inlet.

4. Place parts, other than Spray Gun Body, into container with warm soapy water. Allow to soak, then scrub parts, using brushes and toothpicks from spray gun cleaning kit (sold separately).

Note: To prevent damage to the passages, do not use metal objects to clean the Nozzle and Fluid Tip.

5. Clean inside of Spray Gun by pouring warm soapy water into the Nozzle opening, then run a flexible round brush (sold separately) through the passage between the Nozzle opening and Fluid Inlet.

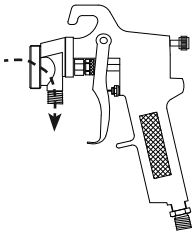

Figure D

6. Wipe down Spray Gun Body with a clean cloth and warm soapy water.
7. Make sure all parts are free from grease and oil. Repeat cleaning if necessary.
8. Rinse all parts and inside of Spray Gun, except air inlet, with warm water.
9. Thoroughly blow dry all parts and inside of Spray Gun with compressed air.
10. Reassemble Spray Gun, making sure to retract Fluid Needle when replacing Fluid Tip.

NOTICE

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Spray Gun Setup Adjustment

⚠WARNING

TO PREVENT SERIOUS INJURY:
Do not adjust or tamper with any control or component in a way not specifically explained within this manual. Improper adjustment can result in tool failure or other serious hazards.

CAUTION! Keep hands away from Trigger while making adjustments.

1. Refer to pressure paint tank's owner's manual to set up tank and spray gun.

Note: This Spray Gun can be used for spraying oil-based or latex paints.

Paint Preparation and Filling

Note: Proper paint mixture is essential. Follow the manufacturer's directions. Most paints will spray easily if they are thinned properly.

2. Thin the paint according to manufacturer's directions and mix thoroughly.
3. Carefully strain the paint through a paint strainer or a piece of cheesecloth.
4. Fill pressure paint tank according to its owner's manual.
5. Start the air compressor and set the regulator to needed pressure. **Do not exceed maximum air pressure.**
6. Test the consistency by spraying on a piece of scrap material.

   If it still appears too thick, add a very small amount of thinner (not included) and mix thoroughly. Use the proper thinner for the type of paint. Thin CAUTIOUSLY. Proceed slowly, adding minimal amounts at a time. **DO NOT exceed the manufacturer's thinning recommendations.**

Fan Direction

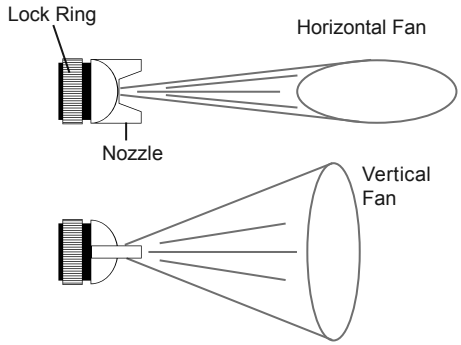

Figure E: Fan Direction

7. To change the direction of the fan from horizontal to vertical, loosen the Lock Ring and turn the Nozzle 90°.
8. After the adjustment, tighten the Lock Ring by hand.

Pattern Adjustment

WARNING! Do not exceed the Maximum Air Pressure shown on the Specification chart.

9. Adjust the air supply pressure during operation with the Trigger fully depressed and the Air Knob fully open. If reducing air pressure for specific areas, use the Air Knob.

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10. Use the Pattern Knob to adjust the spray pattern. Turn Pattern Knob counterclockwise (all the way open) to flatten the spray pattern. Turn it clockwise for a round spray pattern - see Figure F: Pattern Adjustment.

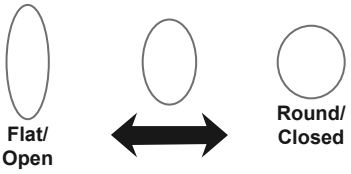

Figure F: Pattern Adjustment

Fluid Adjustment

11. Turn the Fluid Knob clockwise until it is fully closed.

12. After setting up a piece of scrap material, squeeze the Trigger in short bursts while turning the Fluid Knob counterclockwise to set the amount of fluid - see Figure G: Fluid Adjustment.

Figure G: Fluid Adjustment

If spray is too fine:
Reduce the air pressure or allow more paint to come out by opening the Fluid Knob.

If spray is too thick (globs of paint):
Close the Fluid Knob slowly, checking the pattern after each adjustment.

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NOTICE

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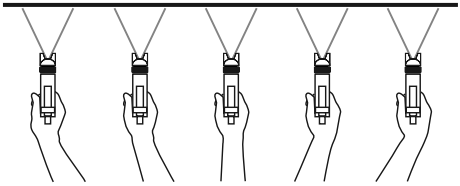
Spraying Technique

IMPORTANT: Proper spraying technique is ESSENTIAL to achieve good results.

1. First, prepare the Spray Gun according to the instructions under **Spray Gun Setup Adjustment** on page 10.
2. Keep the Spray Gun upright and at a right angle to the workpiece - See Figure H and Figure I.



Correct Gun Angle
Move your arm, not just your wrist.
Point gun directly towards the surface and maintain an even, steady distance and speed.

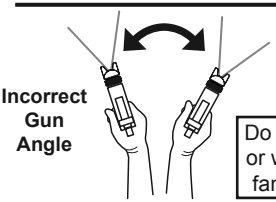


Figure H: Spray Gun Angle - top view

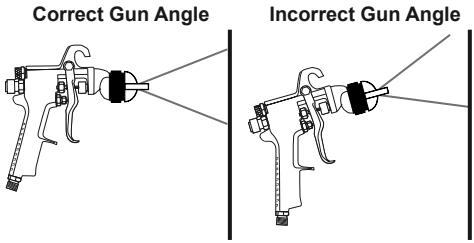


Figure I: Spray Gun Angle - side view

3. Using two hands, one to steady the Cup and the other to operate the Spray Gun, aim Nozzle at the workpiece.

CAUTION: DO NOT STOP WHEN SPRAYING. Spraying materials will start to set and dry as soon as they come in contact with the air. They will cause a permanent clog if not cleared immediately. If discontinuing spraying for more than half an hour, turn off the air supply, disconnect Cup from Gun Body and thoroughly rinse Cup and Gun Body with fresh, clean water.

4. Pull Trigger slowly and move Spray Gun in parallel strokes to the workpiece. Keep the distance from the workpiece at about 6″ to 9″, depending on the flow adjustment and the paint.
5. To avoid paint build up, start moving the Spray Gun before squeezing the Trigger. When finished with the stroke, release the Trigger while still moving the Spray Gun - see Figure J. Doing this will produce a smoother finish. Do not stop moving the Spray Gun while spraying. If the Spray Gun stops even briefly while spraying the paint will build up and run down the workpiece.

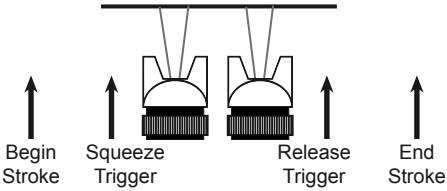


Figure J: Paint Stroke Triggering - top view

Note: The stroke speed, the Fluid Knob adjustment, and the distance from the workpiece, will determine how much paint is being applied. Apply two thin coats rather than one thick coat.

CAUTION! Air hose fittings may get hot. Allow fittings to cool before disconnecting, or wear gloves to prevent burns.

6. To prevent accidents, release trigger, detach air supply, safely discharge any residual air pressure, and again release trigger after use.
7. **Clean the Spray Gun IMMEDIATELY after EVERY use, in between coats, and when it will be idle for more than 5 minutes**.

NOTICE

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Cleaning

WARNING! TO PREVENT FIRE, IF A FLAMMABLE SOLVENT NEEDS TO BE USED, ADHERE TO THE FOLLOWING:

a. **Follow solvent manufacturer's clean up instructions and safety precautions.**

b. **Flush Spray Gun a full hose length from air compressor.**

c. **If collecting flushed solvents in metal container, transfer to nonmetal container, and flush metal container.**

d. **Work far away from any ignition sources in a vapor free area.**

e. **Keep class ABC fire extinguisher nearby.**

Solvent Selection

Follow the paint and solvent manufacturer's recommendations for cleaning, solvent type, and disposal.

<u>IMPORTANT:</u> Do not use mineral spirits with latex paints, doing so will make the paint very difficult to remove.

After Every Use

1. Use solvent recommended by paint manufacturer.
2. Clean pressure paint tank according to its owner's manual.
3. Reduce air pressure to minimum, then fill the pressure paint tank with solvent and spray it through the Spray Gun into the spent solvent container, while shaking the Spray Gun, until the solvent comes out clean.
4. Disconnect from the air source.
5. After disconnecting, point the Spray Gun into the spent solvent container and squeeze the Trigger again to make sure no air remains.

<u>Note:</u> Do not immerse Spray Gun Body in solvent. Do not allow solvent to enter the air inlet.

6. Remove Nozzle by hand and soak it in solvent until it is clean. Use brush and toothpicks (sold separately) to remove any paint.

<u>Note:</u> To prevent damage to the passages, do not use metal objects to clean the Nozzle.

7. Wipe down Spray Gun Body with a clean cloth and solvent.
8. Make sure all parts are free from residual paint.
9. **If switching from oil-based to latex paint, after cleaning with solvent, clean all parts with warm soapy water.**
10. Rinse with warm water, then thoroughly blow dry all parts with compressed air.
11. Reassemble Spray Gun.
12. Use spray gun lubricant (sold separately) on EXTERNAL moving parts. (See Figure K)

<u>NOTICE:</u> Do not use any kind of lubricant in air supply or air inlet. The lubricant will mix with paint, causing poor results.

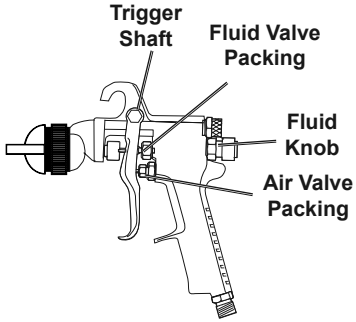

Figure K

NOTICE

Clean the Spray Gun IMMEDIATELY after EVERY use.
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Spent Solvent Disposal

After cleaning, dispose of spent solvent according to the solvent manufacturer's directions and local hazardous waste standards.

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User-Maintenance Instructions

Procedures not specifically explained in this manual must be performed only by a qualified technician.

⚠WARNING

TO PREVENT SERIOUS INJURY:
Detach the air supply and safely discharge any residual air pressure in the tool before performing any inspection, maintenance, or cleaning procedures.

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:
Do not use damaged equipment. If abnormal noise, vibration, or leaking air occurs, have the problem corrected before further use.

Inspection

Note: These procedures are in addition to the regular checks and maintenance explained as part of the regular operation of the air-operated tool.

BEFORE EACH USE, inspect the general condition of the tool. Check for:

- loose screws,
- misalignment or binding of moving parts,
- clogged nozzle or fluid tip,
- damaged air supply hose,
- cracked or broken parts, and
- any other condition that may affect its safe operation.

Air Supply Maintenance

Every day, perform maintenance on the air supply according to the component manufacturers' instructions.

Storage

Store in a dry, secure area out of reach of children.

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Troubleshooting - Spray Pattern Diagnosis

Note: The drawings on the left below resemble symptoms of spray pattern problems. Refer to the accompanying possible causes and likely solutions to the right.

Problem		Possible Causes	Likely Solutions
	Heavy center pattern	1. Pattern Knob partially closed. 2. The paint is too thick. 3. The air pressure is too low.	1. Open Pattern Knob more. 2. Thin paint according to the manufacturer's instructions. 3. Increase air pressure within the Operating Air Pressure.
	Light center pattern	1. High air pressure. 2. Fluid Knob not open enough. 3. Pattern Knob open too far.	1. Reduce air pressure. 2. Open Fluid Knob. 3. Partially close Pattern Knob.
	Heavy top/ bottom pattern	1. Nozzle plugged. 2. Nozzle loose or dirty seal. 3. Dried paint on Fluid Tip. 4. Damaged Fluid Needle.	1. Clean Nozzle. 2. Clean and tighten Nozzle and seal. 3. Use a nonmetallic point to clean Fluid Tip. 4. Replace Fluid Needle and Fluid Tip.
	Pattern on right or left only	1. Dirt on one side of Fluid Tip. 2. Holes on one side of Nozzle are plugged. 3. Damaged Fluid Needle.	1. Use a nonmetallic point to clean Fluid Tip. 2. Use a nonmetallic point to clean Nozzle. 3. Replace Fluid Needle and Fluid Tip.

Follow all safety precautions whenever diagnosing or servicing the tool.
Disconnect air supply before service.

NOTICE

Clean the Spray Gun IMMEDIATELY after EVERY use.
Delayed or inadequate cleaning will permanently clog the Spray Gun.
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General Troubleshooting Chart

Problem	Possible Causes	Likely Solutions
Sputtering Spray	1. Low paint level. 2. Cup tipped. 3. Clogged Air Vent on Cup. 4. Loose Fluid Inlet connection. 5. Loose/damaged Fluid Tip/Seat.	1. Refill. 2. Hold upright. 3. Clean Air Vent hole. 4. Tighten Fluid Inlet connection. 5. Adjust or replace Fluid Tip and Fluid Needle.
Will Not Spray	1. No pressure at Spray Gun. 2. Fluid Knob not open enough. 3. Fluid too thick.	1. Check air hoses. 2. Open Fluid Knob. 3. Thin fluid or increase air pressure. (Do not exceed maximum.)
Overspray (Paint drifting to unintended objects.)	1. Improper application speed. 2. Improper distance from workpiece. 3. Too much air pressure.	1. Move moderately and parallel. 2. Adjust distance. 3. Reduce air pressure.
Fluid Tip Leakage	1. Dirty Fluid Tip. 2. Broken Fluid Needle Spring. 3. Worn or damaged Fluid Tip.	1. Use a nonmetallic point to clean Fluid Tip. 2. Replace Fluid Needle Spring. 3. Replace Fluid Tip and Fluid Needle.
Air Leaking from Nozzle	1. Dirty Air Valve/Seat. 2. Sticking Air Valve. 3. Damaged Air Valve Spring. 4. Worn/damaged Air Valve/Seat. 5. Bent Air Valve Stem.	1. Clean Air Valve/Seat. 2. Lubricate Air Valve/Seat. 3. Replace Air Valve Spring. 4. Replace Air Valve assembly. 5. Replace Air Valve Stem.

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PLEASE READ THE FOLLOWING CAREFULLY

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Parts List and Diagram

Parts List

Part	Description	Qty
1	Nozzle	1
2	Fluid Tip	1
3	Fluid Tip Seat	1
4	Fluid Tip Seat Screw	1
5	Gun Body	1
6	Stop Ring	1
7	Trigger Stud	1
8	Pattern Control Needle	1
9	O-Ring	1
10	Fluid Needle Valve Guide	1
11	Fluid Needle	1
12	Fluid Needle Spring	1
13	Fluid Knob	1

Part	Description	Qty
14	Air Valve Stem	1
15	Air Valve Spring	1
16	Air Valve Packing Screw	1
17	O-Ring	2
18	Air Valve Seat	1
19	Air Valve Guide	1
20	Air Valve Gasket	1
21	Air Inlet	1
22	Trigger	1
23	O-Ring	2
24	Needle Screw	1
25	Air Hose	1
26	Fluid Hose	1

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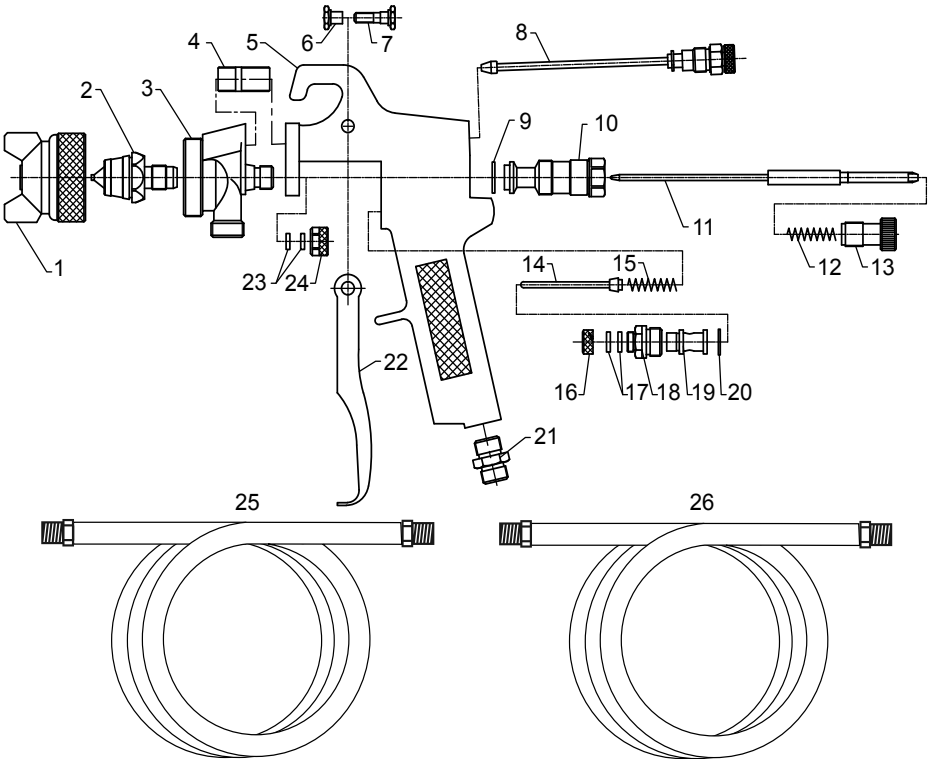
Assembly Diagram



Record Product's Serial Number Here:_____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

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